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TRANSMITTAL FORM

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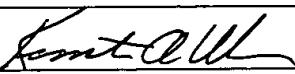
Application Number	09/462,682
Filing Date	April 28, 2000
First Named Inventor	FitzGerald, David
Group Art Unit	1645
Examiner Name	Portner, Virginia
Total Number of Pages in This Submission	1
Attorney Docket Number	015280310100

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<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Response	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Return Postcard; Sequence listing diskette; Communication Under 37 CFR 1.821-1.825; printed sequence listing pages 1-9.
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s)	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		
	Remarks	The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

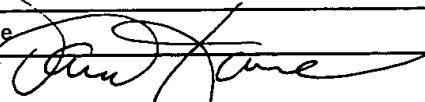
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm and Individual name	Townsend and Townsend and Crew LLP Kenneth A. Weber	Reg No. 31,677
Signature		
Date	07/09/2001	

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OPIE
By: *SC161*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

FITZGERALD, David J.

Application No.: 09/462,682

Filed: April 28, 2000

For: PSEUDOMONAS EXOTOXIN A-
LIKE CHIMERIC IMMUNOGENS

Examiner: Portner, Virginia

Art Unit: 1645

COMMUNICATION UNDER

37 C.F.R. §§ 1.821-1.825

AND

AMENDMENT

Box SEQUENCE

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures, 37 C.F.R. §§ 1.821-1.825, that accompanied the Examiner's Communication mailed June 8, 2001, Applicants submit herewith the required paper copy and computer readable copy of the Substitute Sequence Listing. Please amend the specification in adherence with 37 C.F.R. §§ 1.821-1.825 as follows.

In the Specification:

Please replace the paragraph beginning at page 30, line 14, with the following:

A/
4
--PE-like chimeric immunogens also can comprise an amino acid sequence encoding an "endoplasmic reticulum retention domain." The endoplasmic reticulum ("ER") retention domain functions in translocating the chimeric protein to from the endosome to the endoplasmic reticulum,